

IN THE SPECIFICATION:

Please amend the specification as follows:

At page 18, line 10, after "Res," please delete "\_\_\_: \_\_\_" and insert in place thereof --51(14):3807-3813--.

At page 131, line 2, after "Genet.," please delete "\_\_\_: \_\_\_" and insert in place thereof --87(4):489-494--.

At page 140, line 11, after "Genomics," please delete "\_\_\_: \_\_\_" and insert in place thereof --9(3):536-543--.

At page 144, line 25, after "Genomics," please delete "\_\_\_: \_\_\_" and insert in place thereof --11(4):997-1006--.

IN THE CLAIMS:

Please amend claim 1 as follows:

1. (Amended) A method of staining targeted chromosomal material based upon nucleic acid [sequence] segment employing high complexity nucleic acid probes wherein said targeted chromosomal material is [in the vicinity of] a [suspected] genetic rearrangement associated with [the retinoblastoma gene,] chromosome 3 and/or chromosome 17 in humans, said method comprising contacting said chromosomal material with a high complexity nucleic acid probe wherein at least one component of the high complexity nucleic acid probe is targeted to a paracentromeric-specific nucleic acid